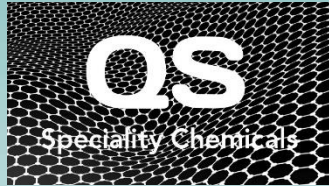
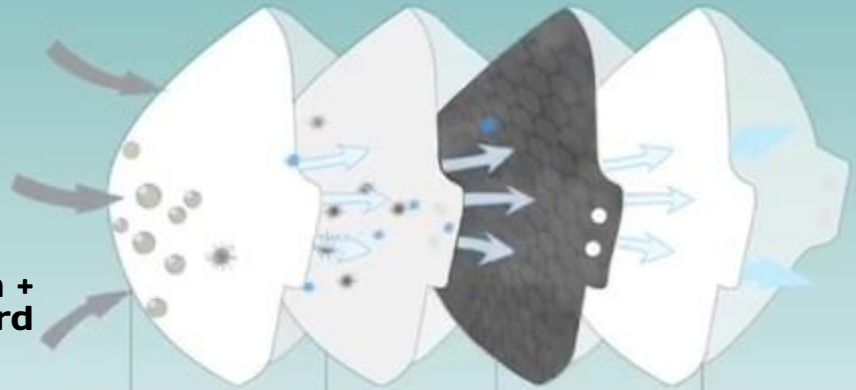




# Bio-Graphene Protective Masks



**BIO-GRAPHENE Filtration +  
Anti-Bacteria Double Guard**



-  Dust  
PM10
-  Particulate Matter  
PM2.5  
PM0.3
-  Viruses  
Bacteria  
Gas pollution

- ONE**  
60G anti-sticking  
nonwoven fabric
- TWO**  
PP melt-blown  
nonwoven
- THREE**  
Biomass graphene  
nonwoven fabric
- FOUR**  
30G anti-sticking  
nonwoven fabric



# Bio-Graphene Particulate Respirator

QS



Filter  
efficiency  
99% or more

Adjustable  
ear buckles  
for flexibility

Good  
antibacterial  
effect

Large  
breathing  
space

## Benefits:

- 1 The filtration efficiency is greater than 99%, and the test reports of GB2626-2006 and GB32610-2016 are both greater than 99%.
- 2 The adjustable ear button makes the protective effect of the mask obvious, adapting to different face types. The S hook allows the mask to be worn in a replaceable manner.
- 3 There is a **Bio-Graphene** non-woven fabric antibacterial layer to prevent bacterial growth.
- 4 In the civilian market, the mask is suitable for use in severe and below-contaminated air quality, and can be used for air AQI, i.e. air quality below 350.
- 5 The mask has a large model with a large breathing space.

# Bio-Graphene Particulate Respirator

QS

## KN95 PARTICULATE RESPIRATOR

### Product Data Sheet

#### Product Description:

This Biomass Graphene Particulate Respirator Series Product is manufactured by Biomass Graphene. Biomass Graphene derives from natural green plant straws. The material added with biomass graphene has far-infrared, bacteriostatic, and other comprehensive features. Due to the unique material, this biomass graphene respirator series products can effectively filter dust, bacteria and other harmful substances. This respirator is ideally suited for applications where a higher protection factor is required and provides respiratory protection against most gases, vapors and particulates.

#### Product Type:

Heart-shaped Type C-shaped Type Willow Leaf-shaped Type



#### Product Features:



#### Technical Description:

Mask Type: Molded Cup  
Valve: No  
Straps: Double elastics  
Mask Size: Medium  
Latex Free: Yes  
PVC Free: Yes  
Silicone Free: Yes

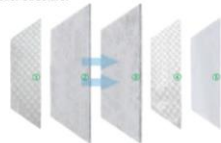
#### Standard:

These products meet the requirements of GB2626-2006, Respiratory Protective Equipment-Nonpowered Air-Purifying Particle Respirator. The protection class is KN95, corresponding to N95(USA) and FFP2(EU).

#### Disposal:

Contaminated products should be disposed as hazardous waste in accordance with local national regulations.

#### Product Structure:



- Molding layer (40gPP non-woven fabric)
- Antibacterial layer (graphene PP non-woven fabric)
- Non-woven layer (50gPP non-woven fabric)
- Filter layer (PP melt blown)
- Buffer layer (PET hot air fabric)

#### Design Features:

- Light Weight combined with face, head and skin comfort
- Foldable design, contour fit and soft lining
- Adjustable nose piece and comfortable nose foam
- Easy breathing and speaking

#### Application:

These respirators are suitable for use in concentrations of solid and non-volatile liquid particles with maximum concentration of 10 x WEL (Workplace Exposure Limit). Always remember that the respiratory protection is only effective if it is correctly selected, fitted and worn throughout the time when the wearer is exposed to hazards.

#### Transportation and Storage:

This Biomass Graphene Particulate Respirator Series Product has a shelf life of 3 years. The end of shelf life is marked on the product packaging. Before initial use, always check that the product is within the stated shelf life. Product should be stored in clean, dry conditions within the temperature range: -20°C to +25°C with a maximum relative humidity of <80%. When storing or transporting this product use original packaging provided.

#### Packaging and Quantity:

Paper Box, 40 pcs per box, 16 boxes per case.



## KN95 PARTICULATE RESPIRATOR

### Product Data Sheet

#### Fitting Instructions:



- Take the respirator out of the package and stretch it.
- The nose clip part is facing up, the side without nose clip is facing the face, and the ear straps are pulled on each hand.
- Face the mask against the chin first, and pull the ear band back to the ear and hang it on the ear until it feels comfortable.
- Adjust the respirator to fit the face, and mold nose clip around your nose to achieve a secure seal.

#### Fit Check:

- Cover the front of the respirator with both hands being careful not to disturb the fit of the respirator.
- Exhale sharply.
- If air leaks around the nose, readjust the nose clip to eliminate leakage. Repeat the above fit check.
- If air leaks at the respirator edges, adjust the straps along the ears to eliminate leakage. Repeat the above fit check.

If you **CANNOT** achieve a proper fit **DO NOT** enter the hazardous area. See your supervisor. Users should be fit tested in accordance with local national requirements. For information regarding fit testing procedures, please contact us.

#### Use For:

This product is suitable for the protection against particulate matters with diameters more than 0.075 micron, such as the various solid particulates generated in the process of grinding, cleaning, and processing, and the non-volatile liquid and non-oily particles generated in the spraying process, as well as the protection against solid-liquid-mixed particulate matters in severe hazy weather.

#### Do Not Use For:

This product is not suitable for the protection against harmful gases or steam, oily aerosols, asbestos, cadmium, lead, 4-4 diphylamine methane and sandblasting operations. It is not suitable for the environment where the harmful concentrations is more than 10 times of the occupational exposure concentration limits or OSHA special hazardous substance or

#### Time Use Limitation:

If respirator becomes damaged, soiled, or breathing becomes difficult, leave the contaminated area immediately.

#### Important:

- Always be sure that the complete product is:
  - Suitable for the application;
  - Fitted correctly;
  - Worn during all periods of exposure;
  - Replaced when necessary.
- Proper selection, training, use and appropriate maintenance are essential in order for the product to help protect the wearer from certain airborne contaminants.
- Failure to follow all instructions on the use of these respiratory protection products and/or failure to properly wear the complete product during all periods of exposure may adversely affect the wearer's health, lead to severe or life threatening illness or permanent disability.

For suitability and proper use follow local regulations and refer to all information supplied.

- Before use, the wearer must be trained in use of the complete product in accordance with applicable Health and Safety standards/guidance.
- These products do not protect against gases/vapors.
- Do not use in atmospheres containing less than 19.5% oxygen.
- Do not use for respiratory protection against atmospheric contaminants/concentrations which are unknown or immediately dangerous to life and health (IDLH).
- Do not use with beards or other facial hair that may inhibit contact between the face and the product thus preventing a good seal.
- Leave the contaminated area immediately if:
  - Breathing becomes difficult;
  - Dizziness or other distress occurs;
  - The respirator becomes damaged;
  - You taste or smell contaminants, or an irritation occurs;
  - Do not alter, modify, clean or repair this respirator.
- Before initial use, always check that the product is within the stated shelf life (use by date).

does not accept liability of any kind, be it direct or consequential (including, but not limited to, loss of profits, business and/or goodwill) arising from reliance upon any information provided herein. The user is responsible for determining the suitability of the products for their intended use.



These respirators help reduce exposure to certain particles. Misuse may result in sickness or death. Before use, the wearer must read and understand User Instructions provided as a part of product packaging. Time use limitations may vary. For proper use, see product instructions, supervisor or

# Bio-Graphene Particulate Respirator

**40 masks p/box - 16 boxes p/carton = 640**  
**Carton size 59 x 28.5 x 55cm - G.Weight 7.5kgs**

